

A chromosome 2p21-22 (41.3kb)

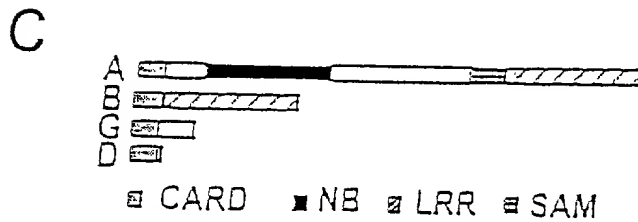
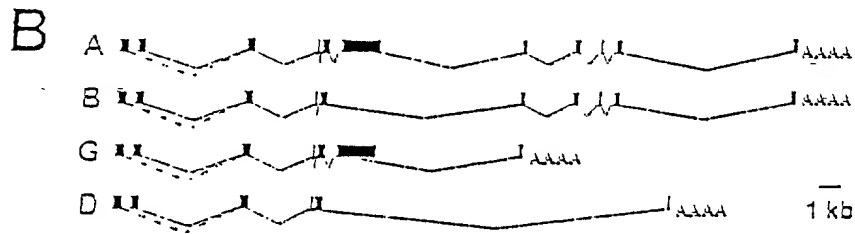
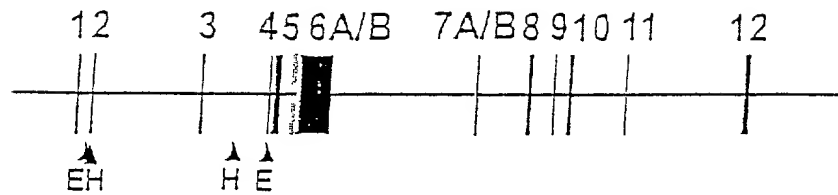


FIGURE 1

FIGURE 2

KKPGQFWSRRCGAAGLGGGATGQERVLSRQSRGGVRAGGCAERPTRSRSPSRSRRE
SWPGVGLGVGAQAARG 18030 (76)

CEMCSOEAFQORSOLVELLVGCSLEGTESVLDWLLSWEVLSWE

CARD-A

DYEGFHLICQFESHLARRLLDTYINKCTWACQKLIAAQEAQADSQSPKLHGCDPHSLH

PARDIOSHRPAIVRRHSIVENMDIAWRCGEVSQIMDEIRIPIETESOR

CARD-B

ARRIMDIAT

VKANGHLEHNOHYQELRPPIALPLE

AATCKKYMAKLRTTVSAQSRLSTYDCAETLCLE

DIYTENVLEVWADVCMAGPPQKSPATLGLEELFSTPGHLNDADIVLVCEAGSGKSTLL

P-LOOP

QRHHAHVAQODEQNEHVEPESCRQIQAKRPSVTHHAEHCQHPVCOEDITQIMND

NE-ARC

HPDRVIMTDCEDNEKTRERDRERHOSPTDEUSVQIMHENVILQENHKNARKVWTSRPA

VSEHARKVTHREHVKESQCHHAKRHHRECVADRIRHIOEUSAHKCHPVS

PLVSKHCHHAKRCHESPKTTTTHHAKRHHRECVADRIRHIOEUSAHKCHPVS

PERVHAKRCHESQCHHAKRHHRECVADRIRHIOEUSAHKCHPVS

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FIGURE 3

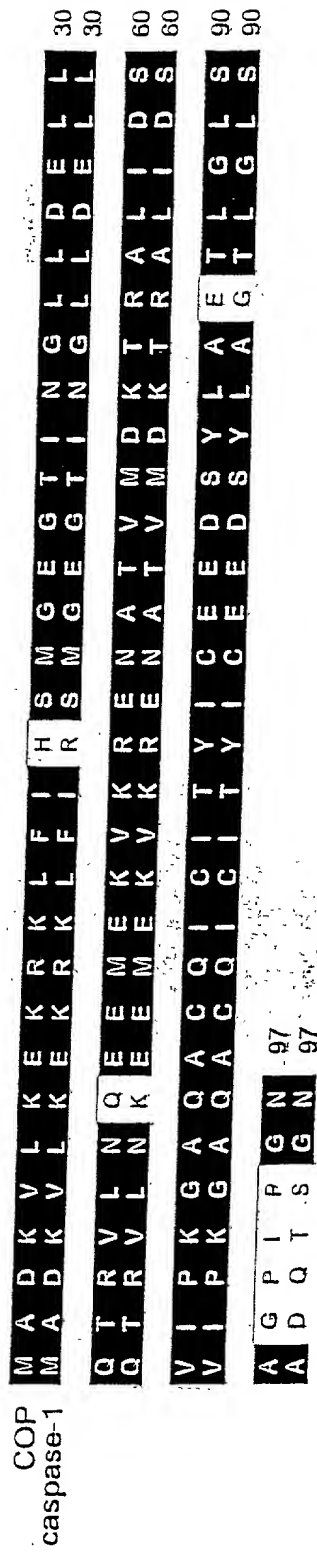


FIGURE 4

	MADKVLLEKRRKLLINSLGEGTINGLLDELLETNVLSQEDM	Majority
	10 20 30 40	
1	MADKVLK EKRRL F I R S M G E G T I N G L L D E L L Q T R V L N K E E M	cas-1
1	M - - I L L K R R L L I N S L G E G T I N G L L D E L L E T N V L S Q E D T	cop-2
	EIVKRENATVIDKARALLDSVIRKGAGACEICITYICEED	Majority
	50 60 70 80	
41	EIVKRENATVMDKTRALIDSVIRKGAQACQICITYICEED	cas-1
38	EIVKCE NV TVIDKARDLLDSVIRKGAGACEICITYICEED	cop-2
	SYLAGTLGLSAGNAVQAGGACSTSSGQDL	Majority
	90 100	
81	SYLAGTLGLSAPQAVQDNPA MPTSSG	cas-1
78	R Y L A G T L G L S A G N D Y R A G G I C S P P R A Q D L	cop-2

FIGURE 5

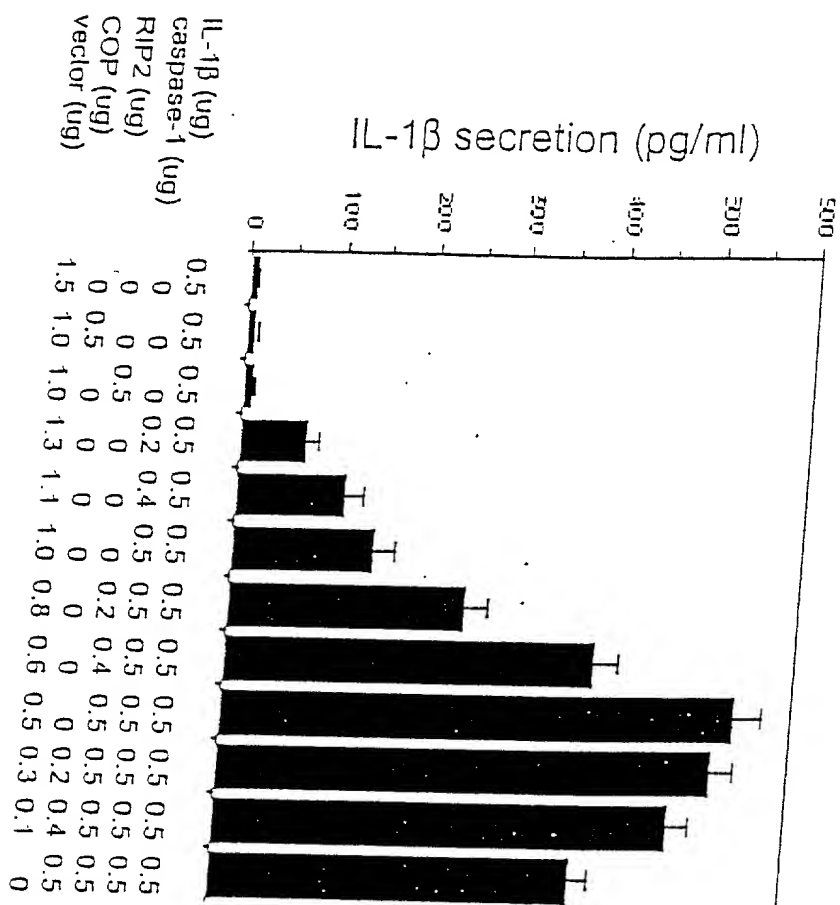


FIGURE 6